

# **Volume of Petroleum Products**

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**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state**

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>										
October 2019	19,624.2	19,997.0	16,719.2	238,966.4	11,376.9	1,577.9	1,589.6	161.0	1,540.1	-
September 2019	19,480.6	19,836.8	16,763.3	234,968.6	11,550.6	1,618.2	1,631.2	167.3	1,644.2	-
October 2018	20,291.6	20,611.2	16,999.2	236,103.7	15,946.3	1,655.8	1,668.3	220.4	1,728.6	-
<b>PAD District 1</b>										
October 2019	6,425.6	6,569.6	W	69,041.1	W	559.7	564.4	W	W	-
September 2019	6,337.2	6,469.8	W	68,562.1	W	558.1	561.5	W	W	-
October 2018	6,553.6	6,644.5	W	W	1,543.2	568.3	571.3	W	W	-
<b>Subdistrict 1A</b>										
October 2019	W	W	W	W	-	W	W	-	25.4	-
September 2019	W	W	W	W	-	W	W	-	30.6	-
October 2018	W	W	W	W	W	W	W	-	30.5	-
<b>Connecticut</b>										
October 2019	-	W	-	2,345.7	-	-	-	-	8.2	-
September 2019	-	W	-	2,254.6	-	-	-	-	8.9	-
October 2018	-	W	W	2,275.9	W	-	-	-	10.5	-
<b>Maine</b>										
October 2019	-	-	-	W	-	-	-	-	W	-
September 2019	-	-	-	660.7	-	-	-	-	W	-
October 2018	-	-	-	649.5	-	-	-	-	W	-
<b>Massachusetts</b>										
October 2019	W	W	-	1,166.1	-	W	W	-	3.2	-
September 2019	W	W	-	1,120.1	-	W	W	-	3.7	-
October 2018	W	W	-	1,229.5	-	W	W	-	5.3	-
<b>New Hampshire</b>										
October 2019	W	W	W	W	-	W	W	-	-	-
September 2019	W	W	W	W	-	W	W	-	-	-
October 2018	W	W	W	W	-	W	W	-	-	-
<b>Rhode Island</b>										
October 2019	W	W	-	847.9	-	W	W	-	W	-
September 2019	W	W	-	823.8	-	W	W	-	W	-
October 2018	W	W	-	W	-	W	W	-	W	-
<b>Vermont</b>										
October 2019	-	-	W	W	-	-	-	-	W	-
September 2019	-	-	W	W	-	-	-	-	-	-
October 2018	-	-	W	W	-	-	-	-	W	-
<b>Subdistrict 1B</b>										
October 2019	3,488.9	3,488.9	W	W	1,661.5	341.5	341.5	W	W	-
September 2019	3,483.9	3,483.9	W	W	3,047.7	347.4	347.4	W	W	-
October 2018	3,329.5	3,329.5	W	21,607.1	W	342.1	342.1	W	W	-
<b>Delaware</b>										
October 2019	W	W	-	1,036.8	-	W	W	-	8.2	-
September 2019	W	W	-	1,937.4	-	W	W	-	10.7	-
October 2018	W	W	-	1,070.4	-	W	W	-	9.2	-
<b>District of Columbia</b>										
October 2019	-	-	-	-	-	-	-	-	-	-
September 2019	-	-	-	-	-	-	-	-	-	-
October 2018	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>										
October 2019	-	-	-	3,910.0	-	-	-	-	44.8	-
September 2019	-	-	-	3,813.8	-	-	-	-	51.2	-
October 2018	-	-	-	3,690.4	-	-	-	-	52.9	-
<b>New Jersey</b>										
October 2019	W	W	W	6,569.6	W	W	W	W	W	-
September 2019	W	W	W	6,936.3	W	W	W	W	W	-
October 2018	W	W	W	6,865.1	W	W	W	W	W	-
<b>New York</b>										
October 2019	2,263.3	2,263.3	W	4,900.0	W	223.6	223.6	W	W	-
September 2019	2,251.1	2,251.1	W	W	W	227.4	227.4	W	W	-
October 2018	2,011.6	2,011.6	W	W	W	218.4	218.4	W	W	-
<b>Pennsylvania</b>										
October 2019	W	W	-	W	W	W	W	-	16.0	-
September 2019	W	W	-	W	W	W	W	-	15.1	-
October 2018	W	W	-	W	W	W	W	-	19.1	-

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>										
October 2019	2,375.6	2,426.5	4,456.7	30,384.0	1,659.9	23,577.7	24,013.2	21,336.9	270,890.4	13,036.8
September 2019	2,536.6	2,584.3	4,685.9	30,779.3	1,562.9	23,635.4	24,052.3	21,616.4	267,392.1	13,113.6
October 2018	2,401.2	2,432.7	4,666.2	28,576.2	1,926.4	24,348.6	24,712.2	21,885.8	266,408.6	17,872.7
<b>PAD District 1</b>										
October 2019	830.3	858.5	W	W	W	7,815.6	7,992.5	W	W	2,013.9
September 2019	894.0	920.1	W	W	W	7,789.3	7,951.4	W	W	3,754.1
October 2018	796.4	812.0	W	9,075.2	W	7,918.3	8,027.8	W	79,071.5	W
<b>Subdistrict 1A</b>										
October 2019	W	W	W	W	-	W	W	W	W	-
September 2019	W	W	W	W	-	W	W	W	W	-
October 2018	W	W	W	780.9	W	W	W	W	W	W
<b>Connecticut</b>										
October 2019	-	-	-	431.1	-	-	W	-	2,785.0	-
September 2019	-	-	-	431.7	-	-	W	-	2,695.3	-
October 2018	-	-	W	389.0	W	-	W	W	2,675.5	W
<b>Maine</b>										
October 2019	-	-	-	W	-	-	-	-	731.0	-
September 2019	-	-	-	W	-	-	-	-	726.3	-
October 2018	-	-	-	W	-	-	-	-	702.8	-
<b>Massachusetts</b>										
October 2019	W	W	-	196.5	-	W	W	-	1,365.8	-
September 2019	W	W	-	191.5	-	W	W	-	1,315.3	-
October 2018	W	W	-	189.0	-	W	W	-	1,423.9	-
<b>New Hampshire</b>										
October 2019	W	W	W	W	-	W	W	W	W	-
September 2019	W	W	W	W	-	W	W	W	W	-
October 2018	W	W	W	W	-	W	W	W	W	-
<b>Rhode Island</b>										
October 2019	W	W	-	W	-	W	W	-	998.9	-
September 2019	W	W	-	W	-	W	W	-	980.2	-
October 2018	W	W	-	W	-	W	W	-	1,104.6	-
<b>Vermont</b>										
October 2019	-	-	W	W	-	-	-	W	77.7	-
September 2019	-	-	W	W	-	-	-	W	W	-
October 2018	-	-	W	W	-	-	-	W	W	-
<b>Subdistrict 1B</b>										
October 2019	541.4	541.4	W	W	W	4,371.8	4,371.8	W	24,393.0	W
September 2019	613.0	613.0	W	W	W	4,444.3	4,444.3	W	25,519.7	W
October 2018	515.9	515.9	W	W	W	4,187.4	4,187.4	W	24,735.0	W
<b>Delaware</b>										
October 2019	W	W	-	124.7	-	W	W	-	1,169.7	-
September 2019	W	W	-	235.9	-	W	W	-	2,184.0	-
October 2018	W	W	-	123.7	-	W	W	-	1,203.3	-
<b>District of Columbia</b>										
October 2019	-	-	-	-	-	-	-	-	-	-
September 2019	-	-	-	-	-	-	-	-	-	-
October 2018	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>										
October 2019	-	-	-	649.9	-	-	-	-	4,604.7	-
September 2019	-	-	-	646.2	-	-	-	-	4,511.2	-
October 2018	-	-	-	585.8	-	-	-	-	4,329.1	-
<b>New Jersey</b>										
October 2019	W	W	W	1,029.7	W	W	W	W	W	666.7
September 2019	W	W	W	1,050.1	W	W	W	W	W	1,152.2
October 2018	W	W	W	992.2	W	W	W	W	W	1,081.5
<b>New York</b>										
October 2019	356.3	356.3	W	W	W	2,843.2	2,843.2	W	5,826.1	W
September 2019	419.5	419.5	W	912.0	W	2,898.1	2,898.1	W	5,629.7	W
October 2018	333.0	333.0	W	816.3	W	2,563.1	2,563.1	W	5,795.2	W
<b>Pennsylvania</b>										
October 2019	W	W	-	W	W	W	W	-	W	W
September 2019	W	W	-	W	W	W	W	-	W	W
October 2018	W	W	-	W	W	W	W	-	W	W

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>										
October 2019	W	W	-	W	W	W	W	-	393.8	-
September 2019	W	W	-	W	W	W	W	-	441.1	-
October 2018	W	W	-	W	W	W	W	-	431.1	-
<b>Florida</b>										
October 2019	W	W	-	13,782.2	-	W	W	-	118.7	-
September 2019	W	W	-	13,009.8	NA	W	W	-	130.6	-
October 2018	W	W	-	13,747.2	-	W	W	-	131.5	-
<b>Georgia</b>										
October 2019	W	W	-	8,366.5	-	W	W	-	47.4	-
September 2019	W	W	-	8,355.4	-	W	W	-	53.1	-
October 2018	W	W	-	8,402.4	-	W	W	-	57.0	-
<b>North Carolina</b>										
October 2019	W	W	-	8,925.5	-	W	W	-	116.3	-
September 2019	W	W	-	8,649.0	-	W	W	-	137.1	-
October 2018	W	W	-	8,717.1	-	W	W	-	118.1	-
<b>South Carolina</b>										
October 2019	W	W	-	4,394.4	-	W	W	-	32.7	-
September 2019	W	W	-	4,236.8	-	W	W	-	37.0	-
October 2018	W	W	-	4,310.9	-	W	W	-	35.4	-
<b>Virginia</b>										
October 2019	-	W	-	W	W	-	-	-	70.7	-
September 2019	-	W	-	W	W	-	-	-	75.8	-
October 2018	-	-	-	W	W	-	-	-	82.1	-
<b>West Virginia</b>										
October 2019	W	W	-	844.9	-	W	W	-	7.9	-
September 2019	W	W	-	W	W	W	W	-	7.5	-
October 2018	W	W	-	W	W	W	W	-	7.1	-
<b>PAD District 2</b>										
October 2019	W	W	-	W	W	W	W	-	440.4	-
September 2019	W	W	-	76,850.7	436.2	W	W	-	438.7	-
October 2018	W	W	-	78,314.1	1,267.2	312.1	319.5	-	500.6	-
<b>Illinois</b>										
October 2019	W	W	-	W	W	W	W	-	58.8	-
September 2019	W	W	-	W	W	W	W	-	56.3	-
October 2018	W	W	-	W	W	W	W	-	70.1	-
<b>Indiana</b>										
October 2019	W	W	-	5,902.7	-	W	W	-	18.0	-
September 2019	W	W	-	5,769.7	NA	W	W	-	14.0	-
October 2018	W	W	-	W	W	W	W	-	21.0	-
<b>Iowa</b>										
October 2019	-	W	-	3,304.8	-	-	-	-	52.4	-
September 2019	-	W	-	3,086.9	-	-	-	-	50.2	-
October 2018	-	W	-	2,541.0	-	-	-	-	50.7	-
<b>Kansas</b>										
October 2019	W	W	-	W	W	W	W	-	15.2	-
September 2019	W	W	-	W	W	W	W	-	17.1	-
October 2018	W	W	-	W	W	W	W	-	17.0	-
<b>Kentucky</b>										
October 2019	W	W	-	3,873.6	-	W	W	-	11.8	-
September 2019	W	W	-	3,882.6	-	W	W	-	12.5	-
October 2018	W	W	-	W	W	W	W	-	13.1	-
<b>Michigan</b>										
October 2019	W	W	-	10,440.3	-	W	W	-	13.4	-
September 2019	W	W	-	9,830.3	NA	W	W	-	13.9	-
October 2018	W	W	-	10,248.2	-	W	W	-	16.6	-
<b>Minnesota</b>										
October 2019	W	W	-	4,957.5	-	W	W	-	57.3	-
September 2019	W	W	-	4,763.1	-	W	37.7	-	59.6	-
October 2018	709.3	711.8	-	5,224.9	-	W	W	-	75.7	-
<b>Missouri</b>										
October 2019	-	W	-	3,317.4	-	-	-	-	13.5	-
September 2019	-	W	-	3,243.9	-	-	-	-	12.2	-
October 2018	-	W	-	W	W	-	-	-	17.8	-

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>										
October 2019	W	W	-	W	W	W	W	-	W	W
September 2019	W	W	-	W	W	W	W	-	W	W
October 2018	W	W	-	W	W	W	W	-	W	W
<b>Florida</b>										
October 2019	W	W	-	W	W	W	W	-	W	W
September 2019	W	W	-	1,960.5	-	W	W	-	15,100.9	NA
October 2018	W	W	-	1,891.5	-	W	W	-	15,770.3	-
<b>Georgia</b>										
October 2019	W	W	-	1,031.7	-	W	W	-	9,445.6	-
September 2019	W	W	-	W	W	W	W	-	W	W
October 2018	W	W	-	1,031.5	-	W	W	-	9,490.9	-
<b>North Carolina</b>										
October 2019	W	W	-	1,091.3	-	W	W	-	10,133.0	-
September 2019	W	W	-	1,088.3	-	W	W	-	9,874.4	-
October 2018	W	W	-	1,004.1	-	W	W	-	9,839.3	-
<b>South Carolina</b>										
October 2019	W	W	-	443.5	-	W	W	-	4,870.6	-
September 2019	W	W	-	441.9	-	W	W	-	4,715.6	-
October 2018	W	W	-	415.0	-	W	W	-	4,761.4	-
<b>Virginia</b>										
October 2019	-	W	-	928.4	-	-	W	-	W	W
September 2019	-	W	-	920.6	-	-	W	-	W	W
October 2018	-	-	-	912.4	-	-	-	-	W	W
<b>West Virginia</b>										
October 2019	W	W	-	W	W	W	W	-	W	W
September 2019	W	W	-	46.1	-	W	W	-	W	W
October 2018	W	W	-	W	W	W	W	-	W	W
<b>PAD District 2</b>										
October 2019	W	W	-	W	W	W	W	-	86,497.0	821.3
September 2019	W	W	-	6,855.9	521.9	W	W	-	84,145.2	958.1
October 2018	W	433.9	-	6,418.2	476.7	W	W	-	85,232.9	1,743.9
<b>Illinois</b>										
October 2019	W	W	-	1,188.4	-	W	W	-	W	W
September 2019	W	W	-	1,164.1	-	W	W	-	W	W
October 2018	W	W	-	W	W	W	W	-	12,060.4	90.6
<b>Indiana</b>										
October 2019	W	W	-	W	W	W	W	-	W	W
September 2019	W	W	-	W	W	W	W	-	W	W
October 2018	W	W	-	405.0	-	W	W	-	W	W
<b>Iowa</b>										
October 2019	-	-	-	278.5	-	-	W	-	3,635.7	-
September 2019	-	-	-	283.2	-	-	W	-	3,420.3	-
October 2018	-	-	-	262.3	-	-	W	-	2,854.0	-
<b>Kansas</b>										
October 2019	-	-	-	355.2	-	W	W	-	W	W
September 2019	-	-	-	W	W	W	W	-	W	W
October 2018	-	-	-	W	W	W	W	-	W	W
<b>Kentucky</b>										
October 2019	W	W	-	249.6	-	W	W	-	4,135.1	-
September 2019	W	W	-	249.9	-	W	W	-	4,145.0	-
October 2018	W	W	-	221.0	-	W	W	-	W	W
<b>Michigan</b>										
October 2019	W	W	-	W	W	W	W	-	W	W
September 2019	W	W	-	W	W	W	W	-	W	W
October 2018	W	W	-	W	W	W	W	-	W	W
<b>Minnesota</b>										
October 2019	W	W	-	W	W	W	W	-	W	W
September 2019	W	W	-	W	W	W	W	-	W	W
October 2018	W	W	-	W	W	806.8	813.4	-	W	W
<b>Missouri</b>										
October 2019	-	-	-	W	W	-	W	-	W	W
September 2019	-	-	-	W	W	-	W	-	W	W
October 2018	-	-	-	W	W	-	W	-	W	W

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>										
<b>Nebraska</b>										
October 2019	W	W	-	1,619.4	-	W	W	-	15.8	-
September 2019	W	W	-	1,538.9	-	W	W	-	18.4	-
October 2018	W	W	-	1,561.4	-	W	W	-	14.5	-
<b>North Dakota</b>										
October 2019	W	W	-	869.1	-	W	W	-	16.7	-
September 2019	W	W	-	847.5	-	W	W	-	17.0	-
October 2018	W	W	-	950.1	-	W	W	-	18.5	-
<b>Ohio</b>										
October 2019	W	W	-	10,187.2	-	W	W	-	28.7	-
September 2019	W	W	-	10,026.5	-	W	W	-	28.6	-
October 2018	W	W	-	10,513.9	-	W	W	-	41.7	-
<b>Oklahoma</b>										
October 2019	W	W	-	W	W	W	W	-	6.1	-
September 2019	W	W	-	W	W	W	W	-	5.7	-
October 2018	W	W	-	W	W	W	W	-	5.6	-
<b>South Dakota</b>										
October 2019	W	W	-	1,061.9	-	W	W	-	17.3	-
September 2019	W	W	-	1,038.7	-	W	W	-	15.7	-
October 2018	W	W	-	996.3	-	W	W	-	19.0	-
<b>Tennessee</b>										
October 2019	W	W	-	9,229.5	-	W	W	-	81.4	-
September 2019	W	W	-	9,203.3	-	W	W	-	82.9	-
October 2018	W	W	-	9,345.0	-	W	W	-	80.7	-
<b>Wisconsin</b>										
October 2019	W	W	-	5,341.6	-	W	W	-	34.2	-
September 2019	W	W	-	4,983.8	-	W	W	-	34.5	-
October 2018	W	W	-	5,255.5	-	W	W	-	38.4	-
<b>PAD District 3</b>										
October 2019	946.3	999.3	203.5	50,910.5	7,967.0	86.7	86.9	W	W	-
September 2019	920.0	971.8	205.3	50,163.4	6,132.8	86.4	86.6	W	W	-
October 2018	911.1	944.3	W	49,444.6	W	87.5	87.7	W	W	-
<b>Alabama</b>										
October 2019	W	W	-	5,228.4	-	W	W	-	33.5	-
September 2019	W	W	-	5,136.1	-	W	W	-	34.3	-
October 2018	-	W	-	4,949.0	-	-	-	-	42.9	-
<b>Arkansas</b>										
October 2019	-	-	-	3,092.7	-	-	-	-	14.0	-
September 2019	-	-	-	2,976.2	-	-	-	-	13.2	-
October 2018	-	-	-	2,910.5	-	-	-	-	14.1	-
<b>Louisiana</b>										
October 2019	-	W	-	W	W	-	-	-	10.6	-
September 2019	-	W	-	W	W	-	-	-	9.9	-
October 2018	-	W	-	W	W	-	-	-	16.5	-
<b>Mississippi</b>										
October 2019	-	-	-	2,701.1	812.5	-	-	-	18.6	-
September 2019	-	-	-	2,745.6	549.5	-	-	-	19.8	-
October 2018	-	-	-	W	W	-	-	-	21.2	-
<b>New Mexico</b>										
October 2019	W	416.3	W	W	-	W	W	W	W	-
September 2019	W	417.8	W	W	-	W	W	W	W	-
October 2018	W	393.2	W	W	-	W	50.5	W	W	-
<b>Texas</b>										
October 2019	531.0	532.7	W	32,733.1	W	38.8	39.0	-	115.9	-
September 2019	500.2	501.2	W	32,179.8	W	37.8	37.9	-	119.4	-
October 2018	W	W	W	31,245.9	W	W	37.2	-	145.7	-

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>										
<b>Nebraska</b>										
October 2019	-	-	-	160.1	-	W	W	-	1,795.4	-
September 2019	-	-	-	169.6	-	W	W	-	1,726.9	-
October 2018	-	-	-	168.2	-	W	W	-	1,744.2	-
<b>North Dakota</b>										
October 2019	W	W	-	92.5	-	W	W	-	978.2	-
September 2019	W	W	-	98.5	-	W	W	-	963.0	-
October 2018	W	W	-	91.0	-	W	W	-	1,059.6	-
<b>Ohio</b>										
October 2019	W	W	-	W	W	W	W	-	W	W
September 2019	W	W	-	W	W	W	W	-	W	W
October 2018	W	W	-	W	W	W	W	-	W	W
<b>Oklahoma</b>										
October 2019	W	W	-	W	W	W	W	-	4,376.1	341.4
September 2019	W	W	-	W	W	W	W	-	4,388.1	415.8
October 2018	W	W	-	W	W	W	W	-	4,311.5	775.0
<b>South Dakota</b>										
October 2019	W	W	-	97.0	-	W	W	-	1,176.2	-
September 2019	W	W	-	110.0	-	W	W	-	1,164.4	-
October 2018	W	W	-	89.4	-	W	W	-	1,104.6	-
<b>Tennessee</b>										
October 2019	W	W	-	905.9	-	W	W	-	10,216.8	-
September 2019	W	W	-	909.9	-	W	W	-	10,196.0	-
October 2018	W	W	-	W	W	W	W	-	W	W
<b>Wisconsin</b>										
October 2019	W	W	-	452.8	-	W	W	-	5,828.6	-
September 2019	W	W	-	467.9	-	W	W	-	5,486.2	-
October 2018	W	W	-	412.1	-	W	W	-	5,705.9	-
<b>PAD District 3</b>										
October 2019	82.5	93.9	W	W	578.0	1,115.5	1,180.1	234.2	56,862.5	8,545.1
September 2019	84.1	95.4	W	W	305.3	1,090.5	1,153.8	237.7	55,984.4	6,438.1
October 2018	80.5	86.3	W	W	860.7	1,079.1	1,118.3	W	54,828.4	W
<b>Alabama</b>										
October 2019	W	W	-	481.1	-	W	W	-	5,743.0	-
September 2019	W	W	-	469.8	-	W	W	-	5,640.2	-
October 2018	-	W	-	449.7	-	-	W	-	5,441.7	-
<b>Arkansas</b>										
October 2019	-	-	-	271.7	-	-	-	-	3,378.5	-
September 2019	-	-	-	269.1	-	-	-	-	3,258.5	-
October 2018	-	-	-	230.8	-	-	-	-	3,155.5	-
<b>Louisiana</b>										
October 2019	-	-	-	W	W	-	W	-	6,428.6	3,058.3
September 2019	-	-	-	W	W	-	W	-	6,351.8	2,948.0
October 2018	-	-	-	W	W	-	W	-	6,409.2	3,719.7
<b>Mississippi</b>										
October 2019	-	-	-	228.6	-	-	-	-	2,948.3	812.5
September 2019	-	-	-	228.1	-	-	-	-	2,993.5	549.5
October 2018	-	-	-	225.6	-	-	-	-	W	W
<b>New Mexico</b>										
October 2019	W	W	W	W	-	W	503.2	W	W	-
September 2019	W	W	W	W	-	W	508.6	W	W	-
October 2018	W	41.3	W	W	-	W	485.0	W	W	-
<b>Texas</b>										
October 2019	43.8	43.8	W	W	W	613.6	615.6	W	W	4,674.3
September 2019	42.2	42.2	W	W	W	580.1	581.3	W	W	2,940.5
October 2018	W	W	W	3,473.9	W	W	W	W	34,865.5	W

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>										
October 2019	W	W	W	W	-	W	W	-	136.5	-
September 2019	W	W	W	W	-	W	W	-	131.9	-
October 2018	W	W	W	W	W	68.9	70.1	-	115.6	-
<b>Colorado</b>										
October 2019	W	144.6	W	W	-	40.8	41.3	-	34.0	-
September 2019	W	148.8	W	W	-	42.0	42.4	-	42.2	-
October 2018	W	146.6	W	W	W	39.7	40.0	-	46.6	-
<b>Idaho</b>										
October 2019	W	W	-	1,485.6	-	W	W	-	7.2	-
September 2019	W	W	-	1,485.7	-	W	W	-	6.4	-
October 2018	W	W	-	1,438.2	-	W	W	-	6.5	-
<b>Montana</b>										
October 2019	W	W	-	1,256.5	-	W	W	-	7.2	-
September 2019	W	W	-	1,333.4	-	W	W	-	7.5	-
October 2018	W	W	-	1,248.8	-	W	W	-	W	-
<b>Utah</b>										
October 2019	W	W	W	W	-	W	W	-	73.8	-
September 2019	W	W	W	W	-	W	W	-	62.8	-
October 2018	W	W	W	W	-	W	W	-	45.6	-
<b>Wyoming</b>										
October 2019	W	10.1	-	865.2	-	W	W	-	14.3	-
September 2019	W	11.0	-	930.5	-	W	W	-	13.0	-
October 2018	W	10.5	-	883.1	-	W	W	-	W	-
<b>PAD District 5</b>										
October 2019	3,941.0	4,002.1	15,231.7	W	W	555.5	556.4	157.0	231.8	-
September 2019	4,048.0	4,106.5	15,270.4	W	W	595.8	596.5	164.4	274.5	-
October 2018	4,342.0	4,409.9	15,596.7	28,342.6	2,097.2	618.9	619.7	W	W	-
<b>Alaska</b>										
October 2019	W	W	55.0	398.8	W	W	W	W	W	-
September 2019	W	W	64.3	427.9	W	W	W	W	W	-
October 2018	W	W	W	W	W	W	W	W	W	-
<b>Arizona</b>										
October 2019	W	W	1,250.2	4,183.7	NA	W	W	W	W	-
September 2019	W	W	1,176.3	W	W	W	W	W	W	-
October 2018	W	W	W	4,256.7	W	W	W	W	W	-
<b>California</b>										
October 2019	2,763.4	2,764.9	W	14,496.5	W	475.5	475.6	112.0	145.5	-
September 2019	2,854.8	2,856.5	11,563.2	14,231.6	1,147.7	514.5	514.5	117.9	186.0	-
October 2018	3,178.2	3,179.4	11,753.5	13,932.2	1,600.5	530.3	530.4	134.9	172.5	-
<b>Hawaii</b>										
October 2019	W	W	W	W	W	W	W	W	W	-
September 2019	W	W	W	W	W	W	W	W	W	-
October 2018	W	W	W	W	W	W	W	W	W	-
<b>Nevada</b>										
October 2019	W	W	W	W	-	W	W	W	W	-
September 2019	W	W	W	W	-	W	W	W	W	-
October 2018	W	W	W	1,482.5	W	W	W	W	W	-
<b>Oregon</b>										
October 2019	92.6	92.6	694.9	3,139.5	-	5.8	5.8	2.7	6.6	-
September 2019	86.7	86.7	687.3	2,986.4	-	5.6	5.6	2.9	6.1	-
October 2018	95.2	95.2	760.7	W	W	6.0	6.0	W	W	-
<b>Washington</b>										
October 2019	357.8	363.5	W	5,129.1	W	30.4	30.6	W	W	-
September 2019	360.8	366.6	W	4,932.3	W	31.0	31.1	W	W	-
October 2018	334.3	341.4	W	4,950.7	W	29.3	29.5	W	W	-

See footnotes at end of table.

**Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>										
October 2019	W	W	W	W	-	W	W	W	W	-
September 2019	W	W	W	W	-	W	W	W	W	-
October 2018	W	63.5	W	W	W	W	W	W	12,959.5	W
<b>Colorado</b>										
October 2019	W	31.5	W	W	-	213.8	217.5	W	W	-
September 2019	W	34.0	W	W	-	220.9	225.3	W	W	-
October 2018	W	29.8	W	W	-	211.4	216.4	W	5,319.5	W
<b>Idaho</b>										
October 2019	W	W	-	258.3	-	W	W	-	1,751.1	-
September 2019	W	W	-	275.5	-	W	W	-	1,767.5	-
October 2018	W	W	-	243.4	-	W	W	-	1,688.1	-
<b>Montana</b>										
October 2019	W	W	-	238.6	-	W	W	-	1,502.3	-
September 2019	W	W	-	271.2	-	W	W	-	1,612.0	-
October 2018	W	W	-	W	-	W	W	-	1,477.8	-
<b>Utah</b>										
October 2019	W	W	W	W	-	W	W	W	W	-
September 2019	W	W	W	W	-	W	W	W	W	-
October 2018	W	W	W	W	W	W	W	W	3,442.3	W
<b>Wyoming</b>										
October 2019	W	W	-	148.5	-	W	12.7	-	1,028.1	-
September 2019	W	W	-	177.7	-	W	14.0	-	1,121.2	-
October 2018	W	W	-	W	-	W	13.0	-	1,031.8	-
<b>PAD District 5</b>										
October 2019	955.2	961.2	4,063.0	W	W	5,451.7	5,519.6	19,451.6	35,132.3	1,656.6
September 2019	1,031.9	1,037.7	4,278.3	W	W	5,675.7	5,740.7	19,713.1	34,707.2	1,963.3
October 2018	1,031.1	1,037.0	4,293.7	W	W	5,992.1	6,066.7	W	34,316.3	W
<b>Alaska</b>										
October 2019	W	W	W	32.7	-	W	W	W	W	W
September 2019	W	W	W	34.5	-	W	W	78.6	W	W
October 2018	W	W	W	29.1	W	W	W	W	W	W
<b>Arizona</b>										
October 2019	W	W	W	W	-	W	W	1,409.3	4,781.4	NA
September 2019	W	W	150.4	611.7	-	W	W	W	4,793.6	W
October 2018	W	W	150.6	W	W	W	W	W	4,840.6	W
<b>California</b>										
October 2019	800.5	800.5	W	3,612.8	W	4,039.4	4,041.0	14,818.8	18,254.9	1,228.5
September 2019	870.4	870.4	3,503.6	3,722.7	325.2	4,239.7	4,241.4	15,184.7	18,140.3	1,473.0
October 2018	865.1	865.1	3,489.4	3,412.7	352.4	4,573.5	4,574.9	15,377.8	17,517.4	1,952.9
<b>Hawaii</b>										
October 2019	W	W	W	W	W	W	W	W	W	W
September 2019	W	W	W	W	W	W	W	W	W	W
October 2018	W	W	W	W	W	W	W	W	W	W
<b>Nevada</b>										
October 2019	W	W	W	W	-	W	W	W	W	-
September 2019	W	W	W	W	-	W	W	W	W	-
October 2018	W	W	W	W	-	W	W	W	1,825.8	W
<b>Oregon</b>										
October 2019	14.0	14.0	120.5	390.6	-	112.4	112.4	818.2	3,536.8	-
September 2019	13.8	13.8	120.0	404.7	-	106.1	106.1	810.1	3,397.3	-
October 2018	13.8	13.8	124.5	372.3	-	115.0	115.0	W	3,455.4	W
<b>Washington</b>										
October 2019	47.1	47.4	220.9	W	W	435.3	441.5	W	6,126.4	W
September 2019	48.2	48.6	215.8	W	W	440.0	446.4	W	5,943.6	W
October 2018	44.1	44.3	227.8	W	W	407.7	415.2	W	5,911.4	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state**

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>					
October 2019	14,954.6	15,307.3	4,212.3	192,658.8	11,011.9
September 2019	14,807.3	15,148.2	4,165.6	188,673.6	10,339.4
October 2018	14,882.3	15,220.8	4,274.1	188,861.1	15,130.6
<b>PAD District 1</b>					
October 2019	W	W	W	51,264.7	W
September 2019	W	W	W	50,093.2	W
October 2018	W	W	W	50,558.9	W
<b>Subdistrict 1A</b>					
October 2019	-	-	W	W	-
September 2019	-	-	W	W	-
October 2018	-	-	W	W	-
<b>Connecticut</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>Maine</b>					
October 2019	-	-	-	W	-
September 2019	-	-	-	W	-
October 2018	-	-	-	W	-
<b>Massachusetts</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>New Hampshire</b>					
October 2019	-	-	W	-	-
September 2019	-	-	W	-	-
October 2018	-	-	W	-	-
<b>Rhode Island</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>Vermont</b>					
October 2019	-	-	W	W	-
September 2019	-	-	W	W	-
October 2018	-	-	W	W	-
<b>Subdistrict 1B</b>					
October 2019	W	W	W	W	1,126.3
September 2019	W	W	W	W	2,006.6
October 2018	W	W	W	6,177.5	W
<b>Delaware</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>District of Columbia</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>Maryland</b>					
October 2019	-	-	-	435.5	-
September 2019	-	-	-	485.8	-
October 2018	-	-	-	392.2	-
<b>New Jersey</b>					
October 2019	-	-	-	-	W
September 2019	-	-	-	-	W
October 2018	-	-	-	-	W
<b>New York</b>					
October 2019	W	W	W	W	-
September 2019	W	W	W	W	-
October 2018	W	W	W	W	W
<b>Pennsylvania</b>					
October 2019	W	W	-	W	W
September 2019	W	W	-	W	W
October 2018	W	W	-	W	-

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>					
October 2019	8,623.1	8,705.8	17,124.6	78,231.6	2,024.9
September 2019	8,828.0	8,904.1	17,450.8	78,718.5	2,774.1
October 2018	9,466.3	9,491.4	17,611.8	77,547.5	2,742.1
<b>PAD District 1</b>					
October 2019	W	W	W	W	W
September 2019	W	W	W	W	W
October 2018	W	W	W	28,512.7	W
<b>Subdistrict 1A</b>					
October 2019	W	W	-	5,528.2	-
September 2019	W	W	-	5,373.2	-
October 2018	W	W	W	5,542.1	W
<b>Connecticut</b>					
October 2019	-	W	-	2,785.0	-
September 2019	-	W	-	2,695.3	-
October 2018	-	W	W	2,675.5	W
<b>Maine</b>					
October 2019	-	-	-	W	-
September 2019	-	-	-	W	-
October 2018	-	-	-	W	-
<b>Massachusetts</b>					
October 2019	W	W	-	1,365.8	-
September 2019	W	W	-	1,315.3	-
October 2018	W	W	-	1,423.9	-
<b>New Hampshire</b>					
October 2019	W	W	-	W	-
September 2019	W	W	-	W	-
October 2018	W	W	-	W	-
<b>Rhode Island</b>					
October 2019	W	W	-	W	-
September 2019	W	W	-	W	-
October 2018	W	W	-	W	-
<b>Vermont</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>Subdistrict 1B</b>					
October 2019	W	W	W	W	W
September 2019	W	W	W	W	W
October 2018	W	W	W	18,557.5	W
<b>Delaware</b>					
October 2019	W	W	-	1,169.7	-
September 2019	W	W	-	2,184.0	-
October 2018	W	W	-	1,203.3	-
<b>District of Columbia</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>Maryland</b>					
October 2019	-	-	-	4,169.2	-
September 2019	-	-	-	4,025.4	-
October 2018	-	-	-	3,936.9	-
<b>New Jersey</b>					
October 2019	W	W	W	W	W
September 2019	W	W	W	W	W
October 2018	W	W	W	W	W
<b>New York</b>					
October 2019	W	W	W	W	W
September 2019	W	W	W	W	W
October 2018	W	W	W	W	W
<b>Pennsylvania</b>					
October 2019	W	W	-	W	W
September 2019	W	W	-	W	W
October 2018	W	W	-	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>United States</b>					
October 2019	23,577.7	24,013.2	21,336.9	270,890.4	13,036.8
September 2019	23,635.4	24,052.3	21,616.4	267,392.1	13,113.6
October 2018	24,348.6	24,712.2	21,885.8	266,408.6	17,872.7
<b>PAD District 1</b>					
October 2019	7,815.6	7,992.5	W	W	2,013.9
September 2019	7,789.3	7,951.4	W	W	3,754.1
October 2018	7,918.3	8,027.8	W	79,071.5	W
<b>Subdistrict 1A</b>					
October 2019	W	W	W	W	-
September 2019	W	W	W	W	-
October 2018	W	W	W	W	W
<b>Connecticut</b>					
October 2019	-	W	-	2,785.0	-
September 2019	-	W	-	2,695.3	-
October 2018	-	W	W	2,675.5	W
<b>Maine</b>					
October 2019	-	-	-	731.0	-
September 2019	-	-	-	726.3	-
October 2018	-	-	-	702.8	-
<b>Massachusetts</b>					
October 2019	W	W	-	1,365.8	-
September 2019	W	W	-	1,315.3	-
October 2018	W	W	-	1,423.9	-
<b>New Hampshire</b>					
October 2019	W	W	W	W	-
September 2019	W	W	W	W	-
October 2018	W	W	W	W	-
<b>Rhode Island</b>					
October 2019	W	W	-	998.9	-
September 2019	W	W	-	980.2	-
October 2018	W	W	-	1,104.6	-
<b>Vermont</b>					
October 2019	-	-	W	77.7	-
September 2019	-	-	W	W	-
October 2018	-	-	W	W	-
<b>Subdistrict 1B</b>					
October 2019	4,371.8	4,371.8	W	24,393.0	W
September 2019	4,444.3	4,444.3	W	25,519.7	W
October 2018	4,187.4	4,187.4	W	24,735.0	W
<b>Delaware</b>					
October 2019	W	W	-	1,169.7	-
September 2019	W	W	-	2,184.0	-
October 2018	W	W	-	1,203.3	-
<b>District of Columbia</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>Maryland</b>					
October 2019	-	-	-	4,604.7	-
September 2019	-	-	-	4,511.2	-
October 2018	-	-	-	4,329.1	-
<b>New Jersey</b>					
October 2019	W	W	W	W	666.7
September 2019	W	W	W	W	1,152.2
October 2018	W	W	W	W	1,081.5
<b>New York</b>					
October 2019	2,843.2	2,843.2	W	5,826.1	W
September 2019	2,898.1	2,898.1	W	5,629.7	W
October 2018	2,563.1	2,563.1	W	5,795.2	W
<b>Pennsylvania</b>					
October 2019	W	W	-	W	W
September 2019	W	W	-	W	W
October 2018	W	W	-	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>					
October 2019	W	W	-	W	W
September 2019	W	W	-	W	W
October 2018	W	W	-	W	W
<b>Florida</b>					
October 2019	W	W	-	W	W
September 2019	W	W	-	15,100.9	NA
October 2018	W	W	-	15,770.3	-
<b>Georgia</b>					
October 2019	W	W	-	9,445.6	-
September 2019	W	W	-	W	W
October 2018	W	W	-	9,490.9	-
<b>North Carolina</b>					
October 2019	W	W	-	10,133.0	-
September 2019	W	W	-	9,874.4	-
October 2018	W	W	-	9,839.3	-
<b>South Carolina</b>					
October 2019	W	W	-	4,870.6	-
September 2019	W	W	-	4,715.6	-
October 2018	W	W	-	4,761.4	-
<b>Virginia</b>					
October 2019	-	-	-	W	W
September 2019	-	-	-	W	W
October 2018	-	-	-	W	W
<b>West Virginia</b>					
October 2019	W	W	-	W	W
September 2019	W	W	-	W	W
October 2018	W	W	-	W	W
<b>PAD District 2</b>					
October 2019	W	W	-	W	W
September 2019	W	W	-	W	W
October 2018	W	7,438.1	-	W	W
<b>Illinois</b>					
October 2019	W	W	-	4,071.8	-
September 2019	W	W	-	3,762.1	-
October 2018	W	W	-	W	W
<b>Indiana</b>					
October 2019	W	W	-	W	W
September 2019	W	W	-	W	W
October 2018	W	W	-	W	W
<b>Iowa</b>					
October 2019	-	W	-	3,635.7	-
September 2019	-	W	-	3,420.3	-
October 2018	-	W	-	2,854.0	-
<b>Kansas</b>					
October 2019	W	W	-	W	W
September 2019	W	W	-	W	W
October 2018	W	W	-	W	W
<b>Kentucky</b>					
October 2019	W	W	-	3,332.4	-
September 2019	W	W	-	3,306.8	-
October 2018	W	W	-	W	W
<b>Michigan</b>					
October 2019	W	W	-	W	W
September 2019	W	W	-	W	W
October 2018	W	W	-	W	W
<b>Minnesota</b>					
October 2019	W	W	-	W	W
September 2019	W	W	-	W	W
October 2018	806.8	813.4	-	W	W
<b>Missouri</b>					
October 2019	-	W	-	2,979.9	-
September 2019	-	W	-	2,940.7	-
October 2018	-	W	-	2,980.5	-

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
Subdistrict 1C					
October 2019	-	W	-	4,326.5	-
September 2019	-	W	-	4,335.4	-
October 2018	-	-	-	4,413.0	-
Florida					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
Georgia					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
North Carolina					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
South Carolina					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
Virginia					
October 2019	-	W	-	4,326.5	-
September 2019	-	W	-	4,335.4	-
October 2018	-	-	-	4,413.0	-
West Virginia					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
PAD District 2					
October 2019	W	W	-	W	W
September 2019	W	W	-	W	W
October 2018	W	W	-	W	W
Illinois					
October 2019	W	W	-	W	W
September 2019	W	W	-	W	W
October 2018	W	W	-	W	W
Indiana					
October 2019	W	W	-	986.7	-
September 2019	W	W	-	945.1	-
October 2018	W	W	-	932.9	-
Iowa					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
Kansas					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
Kentucky					
October 2019	W	W	-	802.7	-
September 2019	W	W	-	838.1	-
October 2018	W	W	-	635.1	-
Michigan					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
Minnesota					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
Missouri					
October 2019	-	-	-	W	W
September 2019	-	-	-	W	W
October 2018	-	-	-	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>Subdistrict 1C</b>					
October 2019	W	W	-	W	W
September 2019	W	W	-	W	W
October 2018	W	W	-	W	W
<b>Florida</b>					
October 2019	W	W	-	W	W
September 2019	W	W	-	15,100.9	NA
October 2018	W	W	-	15,770.3	-
<b>Georgia</b>					
October 2019	W	W	-	9,445.6	-
September 2019	W	W	-	W	W
October 2018	W	W	-	9,490.9	-
<b>North Carolina</b>					
October 2019	W	W	-	10,133.0	-
September 2019	W	W	-	9,874.4	-
October 2018	W	W	-	9,839.3	-
<b>South Carolina</b>					
October 2019	W	W	-	4,870.6	-
September 2019	W	W	-	4,715.6	-
October 2018	W	W	-	4,761.4	-
<b>Virginia</b>					
October 2019	-	W	-	W	W
September 2019	-	W	-	W	W
October 2018	-	-	-	W	W
<b>West Virginia</b>					
October 2019	W	W	-	W	W
September 2019	W	W	-	W	W
October 2018	W	W	-	W	W
<b>PAD District 2</b>					
October 2019	W	W	-	86,497.0	821.3
September 2019	W	W	-	84,145.2	958.1
October 2018	W	W	-	85,232.9	1,743.9
<b>Illinois</b>					
October 2019	W	W	-	W	W
September 2019	W	W	-	W	W
October 2018	W	W	-	12,060.4	90.6
<b>Indiana</b>					
October 2019	W	W	-	W	W
September 2019	W	W	-	W	W
October 2018	W	W	-	W	W
<b>Iowa</b>					
October 2019	-	W	-	3,635.7	-
September 2019	-	W	-	3,420.3	-
October 2018	-	W	-	2,854.0	-
<b>Kansas</b>					
October 2019	W	W	-	W	W
September 2019	W	W	-	W	W
October 2018	W	W	-	W	W
<b>Kentucky</b>					
October 2019	W	W	-	4,135.1	-
September 2019	W	W	-	4,145.0	-
October 2018	W	W	-	W	W
<b>Michigan</b>					
October 2019	W	W	-	W	W
September 2019	W	W	-	W	W
October 2018	W	W	-	W	W
<b>Minnesota</b>					
October 2019	W	W	-	W	W
September 2019	W	W	-	W	W
October 2018	806.8	813.4	-	W	W
<b>Missouri</b>					
October 2019	-	W	-	W	W
September 2019	-	W	-	W	W
October 2018	-	W	-	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>					
<b>Nebraska</b>					
October 2019	W	W	-	1,795.4	-
September 2019	W	W	-	1,726.9	-
October 2018	W	W	-	1,744.2	-
<b>North Dakota</b>					
October 2019	W	W	-	978.2	-
September 2019	W	W	-	963.0	-
October 2018	W	W	-	1,059.6	-
<b>Ohio</b>					
October 2019	W	W	-	W	W
September 2019	W	W	-	W	W
October 2018	W	W	-	W	W
<b>Oklahoma</b>					
October 2019	W	W	-	4,376.1	341.4
September 2019	W	W	-	4,388.1	415.8
October 2018	W	W	-	4,311.5	775.0
<b>South Dakota</b>					
October 2019	W	W	-	1,176.2	-
September 2019	W	W	-	1,164.4	-
October 2018	W	W	-	1,104.6	-
<b>Tennessee</b>					
October 2019	W	W	-	10,216.8	-
September 2019	W	W	-	10,196.0	-
October 2018	W	W	-	W	W
<b>Wisconsin</b>					
October 2019	W	W	-	4,109.9	-
September 2019	W	W	-	3,889.3	-
October 2018	W	51.3	-	4,123.3	-
<b>PAD District 3</b>					
October 2019	W	W	234.2	W	W
September 2019	W	W	237.7	W	W
October 2018	1,079.1	1,118.3	W	W	W
<b>Alabama</b>					
October 2019	W	W	-	5,743.0	-
September 2019	W	W	-	5,640.2	-
October 2018	-	W	-	5,441.7	-
<b>Arkansas</b>					
October 2019	-	-	-	3,378.5	-
September 2019	-	-	-	3,258.5	-
October 2018	-	-	-	3,155.5	-
<b>Louisiana</b>					
October 2019	-	W	-	6,428.6	3,058.3
September 2019	-	W	-	6,351.8	2,948.0
October 2018	-	W	-	6,409.2	3,719.7
<b>Mississippi</b>					
October 2019	-	-	-	2,948.3	812.5
September 2019	-	-	-	2,993.5	549.5
October 2018	-	-	-	W	W
<b>New Mexico</b>					
October 2019	W	503.2	W	W	-
September 2019	W	508.6	W	W	-
October 2018	W	485.0	W	W	-
<b>Texas</b>					
October 2019	W	W	W	W	W
September 2019	W	W	W	W	W
October 2018	W	W	W	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>					
<b>Nebraska</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>North Dakota</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>Ohio</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>Oklahoma</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>South Dakota</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>Tennessee</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>Wisconsin</b>					
October 2019	W	W	-	1,718.7	-
September 2019	W	W	-	1,597.0	-
October 2018	W	W	-	1,582.6	-
<b>PAD District 3</b>					
October 2019	W	W	-	W	-
September 2019	W	W	-	W	-
October 2018	-	-	-	W	W
<b>Alabama</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>Arkansas</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>Louisiana</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>Mississippi</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>New Mexico</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>Texas</b>					
October 2019	W	W	-	W	-
September 2019	W	W	-	W	-
October 2018	-	-	-	W	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 2 (cont.)</b>					
<b>Nebraska</b>					
October 2019	W	W	-	1,795.4	-
September 2019	W	W	-	1,726.9	-
October 2018	W	W	-	1,744.2	-
<b>North Dakota</b>					
October 2019	W	W	-	978.2	-
September 2019	W	W	-	963.0	-
October 2018	W	W	-	1,059.6	-
<b>Ohio</b>					
October 2019	W	W	-	W	W
September 2019	W	W	-	W	W
October 2018	W	W	-	W	W
<b>Oklahoma</b>					
October 2019	W	W	-	4,376.1	341.4
September 2019	W	W	-	4,388.1	415.8
October 2018	W	W	-	4,311.5	775.0
<b>South Dakota</b>					
October 2019	W	W	-	1,176.2	-
September 2019	W	W	-	1,164.4	-
October 2018	W	W	-	1,104.6	-
<b>Tennessee</b>					
October 2019	W	W	-	10,216.8	-
September 2019	W	W	-	10,196.0	-
October 2018	W	W	-	W	W
<b>Wisconsin</b>					
October 2019	W	W	-	5,828.6	-
September 2019	W	W	-	5,486.2	-
October 2018	W	W	-	5,705.9	-
<b>PAD District 3</b>					
October 2019	1,115.5	1,180.1	234.2	56,862.5	8,545.1
September 2019	1,090.5	1,153.8	237.7	55,984.4	6,438.1
October 2018	1,079.1	1,118.3	W	54,828.4	W
<b>Alabama</b>					
October 2019	W	W	-	5,743.0	-
September 2019	W	W	-	5,640.2	-
October 2018	-	W	-	5,441.7	-
<b>Arkansas</b>					
October 2019	-	-	-	3,378.5	-
September 2019	-	-	-	3,258.5	-
October 2018	-	-	-	3,155.5	-
<b>Louisiana</b>					
October 2019	-	W	-	6,428.6	3,058.3
September 2019	-	W	-	6,351.8	2,948.0
October 2018	-	W	-	6,409.2	3,719.7
<b>Mississippi</b>					
October 2019	-	-	-	2,948.3	812.5
September 2019	-	-	-	2,993.5	549.5
October 2018	-	-	-	W	W
<b>New Mexico</b>					
October 2019	W	503.2	W	W	-
September 2019	W	508.6	W	W	-
October 2018	W	485.0	W	W	-
<b>Texas</b>					
October 2019	613.6	615.6	W	W	4,674.3
September 2019	580.1	581.3	W	W	2,940.5
October 2018	W	W	W	34,865.5	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>					
October 2019	W	W	W	W	-
September 2019	W	W	W	W	-
October 2018	W	W	W	12,959.5	W
<b>Colorado</b>					
October 2019	213.8	217.5	W	W	-
September 2019	220.9	225.3	W	W	-
October 2018	211.4	216.4	W	5,319.5	W
<b>Idaho</b>					
October 2019	W	W	-	1,751.1	-
September 2019	W	W	-	1,767.5	-
October 2018	W	W	-	1,688.1	-
<b>Montana</b>					
October 2019	W	W	-	1,502.3	-
September 2019	W	W	-	1,612.0	-
October 2018	W	W	-	1,477.8	-
<b>Utah</b>					
October 2019	W	W	W	W	-
September 2019	W	W	W	W	-
October 2018	W	W	W	3,442.3	W
<b>Wyoming</b>					
October 2019	W	12.7	-	1,028.1	-
September 2019	W	14.0	-	1,121.2	-
October 2018	W	13.0	-	1,031.8	-
<b>PAD District 5</b>					
October 2019	1,412.4	1,477.6	W	W	W
September 2019	1,436.0	1,498.3	W	W	541.3
October 2018	1,418.5	W	W	13,843.3	W
<b>Alaska</b>					
October 2019	W	W	W	W	W
September 2019	W	W	78.6	W	W
October 2018	W	W	W	W	W
<b>Arizona</b>					
October 2019	W	W	W	1,915.7	-
September 2019	W	W	W	W	-
October 2018	W	W	286.5	W	-
<b>California</b>					
October 2019	-	-	-	W	W
September 2019	-	-	-	-	W
October 2018	-	-	-	-	W
<b>Hawaii</b>					
October 2019	W	W	W	W	W
September 2019	W	W	W	W	W
October 2018	W	W	W	W	W
<b>Nevada</b>					
October 2019	W	W	W	W	-
September 2019	W	W	W	W	-
October 2018	W	W	W	1,825.8	W
<b>Oregon</b>					
October 2019	112.4	112.4	818.2	3,536.8	-
September 2019	106.1	106.1	810.1	3,397.3	-
October 2018	115.0	115.0	W	3,455.4	W
<b>Washington</b>					
October 2019	435.3	441.5	W	6,126.4	W
September 2019	440.0	446.4	W	5,943.6	W
October 2018	407.7	415.2	W	5,911.4	W

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>Colorado</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>Idaho</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>Montana</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>Utah</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>Wyoming</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>PAD District 5</b>					
October 2019	4,039.4	4,042.0	W	W	W
September 2019	4,239.7	4,242.5	W	W	1,422.0
October 2018	4,573.5	W	W	20,473.0	W
<b>Alaska</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>Arizona</b>					
October 2019	-	W	W	2,865.7	NA
September 2019	-	W	W	W	W
October 2018	-	W	W	W	W
<b>California</b>					
October 2019	4,039.4	W	14,818.8	W	W
September 2019	4,239.7	W	15,184.7	18,140.3	W
October 2018	4,573.5	4,574.9	15,377.8	W	W
<b>Hawaii</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>Nevada</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>Oregon</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-
<b>Washington</b>					
October 2019	-	-	-	-	-
September 2019	-	-	-	-	-
October 2018	-	-	-	-	-

See footnotes at end of table.

**Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)**

thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
<b>PAD District 4</b>					
October 2019	W	W	W	W	-
September 2019	W	W	W	W	-
October 2018	W	W	W	12,959.5	W
<b>Colorado</b>					
October 2019	213.8	217.5	W	W	-
September 2019	220.9	225.3	W	W	-
October 2018	211.4	216.4	W	5,319.5	W
<b>Idaho</b>					
October 2019	W	W	-	1,751.1	-
September 2019	W	W	-	1,767.5	-
October 2018	W	W	-	1,688.1	-
<b>Montana</b>					
October 2019	W	W	-	1,502.3	-
September 2019	W	W	-	1,612.0	-
October 2018	W	W	-	1,477.8	-
<b>Utah</b>					
October 2019	W	W	W	W	-
September 2019	W	W	W	W	-
October 2018	W	W	W	3,442.3	W
<b>Wyoming</b>					
October 2019	W	12.7	-	1,028.1	-
September 2019	W	14.0	-	1,121.2	-
October 2018	W	13.0	-	1,031.8	-
<b>PAD District 5</b>					
October 2019	5,451.7	5,519.6	19,451.6	35,132.3	1,656.6
September 2019	5,675.7	5,740.7	19,713.1	34,707.2	1,963.3
October 2018	5,992.1	6,066.7	W	34,316.3	W
<b>Alaska</b>					
October 2019	W	W	W	W	W
September 2019	W	W	78.6	W	W
October 2018	W	W	W	W	W
<b>Arizona</b>					
October 2019	W	W	1,409.3	4,781.4	NA
September 2019	W	W	W	4,793.6	W
October 2018	W	W	W	4,840.6	W
<b>California</b>					
October 2019	4,039.4	4,041.0	14,818.8	18,254.9	1,228.5
September 2019	4,239.7	4,241.4	15,184.7	18,140.3	1,473.0
October 2018	4,573.5	4,574.9	15,377.8	17,517.4	1,952.9
<b>Hawaii</b>					
October 2019	W	W	W	W	W
September 2019	W	W	W	W	W
October 2018	W	W	W	W	W
<b>Nevada</b>					
October 2019	W	W	W	W	-
September 2019	W	W	W	W	-
October 2018	W	W	W	1,825.8	W
<b>Oregon</b>					
October 2019	112.4	112.4	818.2	3,536.8	-
September 2019	106.1	106.1	810.1	3,397.3	-
October 2018	115.0	115.0	W	3,455.4	W
<b>Washington</b>					
October 2019	435.3	441.5	W	6,126.4	W
September 2019	440.0	446.4	W	5,943.6	W
October 2018	407.7	415.2	W	5,911.4	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

**Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state**

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>United States</b>										
October 2019	W	459.5	31,039.0	40,418.7	W	1,135.6	98.0	1,316.6	3,080.0	29,511.7
September 2019	W	461.9	32,130.6	44,285.5	2.0	1,198.3	63.3	405.4	3,431.0	27,721.4
October 2018	W	532.3	32,140.0	37,875.6	W	1,007.5	77.8	1,245.8	4,184.8	28,478.0
<b>PAD District 1</b>										
October 2019	W	147.7	5,293.0	7,971.8	4.6	338.5	-	W	-	3,937.5
September 2019	W	135.1	5,614.4	8,492.3	1.3	435.8	-	W	-	3,554.8
October 2018	W	127.0	5,960.3	5,907.1	W	461.1	-	W	W	5,115.1
<b>Subdistrict 1A</b>										
October 2019	-	W	173.9	1,074.5	W	-	-	-	-	436.3
September 2019	W	W	151.6	1,038.9	W	-	-	-	-	330.2
October 2018	-	W	225.6	824.6	W	-	-	-	W	865.9
<b>Connecticut</b>										
October 2019	-	-	W	W	-	-	-	-	-	53.5
September 2019	-	-	W	W	-	-	-	-	-	28.3
October 2018	-	-	W	W	-	-	-	-	-	96.9
<b>Maine</b>										
October 2019	-	W	W	W	-	-	-	-	-	155.5
September 2019	W	W	W	W	-	-	-	-	-	123.1
October 2018	-	W	W	W	-	-	-	-	W	264.3
<b>Massachusetts</b>										
October 2019	-	-	W	894.5	W	-	-	-	-	W
September 2019	-	-	W	987.6	W	-	-	-	-	W
October 2018	-	-	W	773.3	W	-	-	-	-	114.6
<b>New Hampshire</b>										
October 2019	-	-	W	-	W	-	-	-	-	79.2
September 2019	-	-	W	-	W	-	-	-	-	47.1
October 2018	-	-	W	W	W	-	-	-	-	102.3
<b>Rhode Island</b>										
October 2019	-	-	W	W	W	-	-	-	-	W
September 2019	-	-	W	W	W	-	-	-	-	W
October 2018	-	-	W	W	W	-	-	-	-	W
<b>Vermont</b>										
October 2019	-	-	W	W	-	-	-	-	-	W
September 2019	-	-	W	W	-	-	-	-	-	W
October 2018	-	-	W	W	-	-	-	-	W	W
<b>Subdistrict 1B</b>										
October 2019	W	W	2,368.1	4,981.6	3.2	289.9	-	W	-	1,585.1
September 2019	-	W	2,570.7	5,974.0	1.0	W	-	W	-	1,408.2
October 2018	W	W	2,653.4	3,379.5	4.6	396.5	-	W	-	1,977.2
<b>Delaware</b>										
October 2019	-	-	-	-	W	-	-	-	-	W
September 2019	-	-	-	-	W	W	-	-	-	W
October 2018	-	-	-	W	W	W	-	-	-	135.7
<b>District of Columbia</b>										
October 2019	-	-	-	-	-	-	-	-	-	-
September 2019	-	-	-	-	-	-	-	-	-	-
October 2018	-	-	-	-	-	-	-	-	-	-
<b>Maryland</b>										
October 2019	-	-	W	W	-	W	-	-	-	W
September 2019	-	-	W	61.9	-	W	-	-	-	W
October 2018	-	-	W	W	-	W	-	-	-	44.0
<b>New Jersey</b>										
October 2019	-	-	854.8	3,743.6	W	W	-	-	-	270.4
September 2019	-	-	1,053.1	3,873.8	W	211.4	-	-	-	243.3
October 2018	-	-	1,092.5	2,939.9	W	299.1	-	-	-	248.8
<b>New York</b>										
October 2019	-	W	1,232.4	W	W	31.6	-	W	-	346.7
September 2019	-	W	1,225.5	71.8	W	9.8	-	W	-	253.7
October 2018	-	W	1,275.6	72.7	W	32.2	-	W	-	405.6
<b>Pennsylvania</b>										
October 2019	W	W	W	1,098.1	1.0	W	-	W	-	799.9
September 2019	-	W	W	1,966.5	0.5	W	-	W	-	749.5
October 2018	W	W	W	298.8	1.6	W	-	W	-	1,143.1

See footnotes at end of table.

**Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>										
October 2019	W	105.5	2,751.0	1,915.7	W	48.6	-	W	-	1,916.1
September 2019	W	90.2	2,892.2	1,479.4	W	W	-	W	-	1,816.3
October 2018	W	97.6	3,081.3	1,703.0	W	64.6	-	W	-	2,272.1
<b>Florida</b>										
October 2019	-	73.5	1,684.3	1,369.2	W	-	-	-	-	285.7
September 2019	-	62.4	1,817.4	1,026.4	W	-	-	-	-	299.9
October 2018	-	64.7	2,103.9	1,168.5	W	-	-	-	-	307.8
<b>Georgia</b>										
October 2019	W	W	W	88.1	-	W	-	W	-	411.3
September 2019	W	W	W	73.3	-	W	-	W	-	331.1
October 2018	W	W	W	92.6	-	W	-	W	-	483.0
<b>North Carolina</b>										
October 2019	-	W	W	237.9	W	44.2	-	-	-	624.6
September 2019	-	W	W	153.5	W	W	-	-	-	630.2
October 2018	-	W	W	266.5	W	W	-	-	-	677.6
<b>South Carolina</b>										
October 2019	-	-	W	W	W	W	-	-	-	350.4
September 2019	-	-	W	W	W	W	-	-	-	296.5
October 2018	-	-	W	76.4	W	W	-	-	-	517.8
<b>Virginia</b>										
October 2019	-	W	535.2	140.4	-	W	-	-	-	W
September 2019	-	W	555.2	158.2	-	W	-	-	-	W
October 2018	-	W	473.2	W	-	W	-	-	-	100.3
<b>West Virginia</b>										
October 2019	-	-	-	W	W	-	-	-	-	W
September 2019	-	-	-	W	W	-	-	-	-	W
October 2018	-	-	W	W	W	-	-	-	-	185.6
<b>PAD District 2</b>										
October 2019	W	94.8	6,218.5	5,051.0	W	W	15.0	738.4	W	12,671.5
September 2019	W	94.7	6,437.3	4,867.2	W	W	8.1	181.4	W	8,627.3
October 2018	W	W	6,543.5	5,037.5	W	W	7.2	726.5	W	11,846.0
<b>Illinois</b>										
October 2019	W	W	1,622.3	W	W	W	W	38.7	-	2,217.6
September 2019	W	W	1,588.5	W	W	W	W	W	-	1,469.2
October 2018	W	W	1,568.7	W	W	W	W	12.5	W	1,551.5
<b>Indiana</b>										
October 2019	-	-	829.7	234.0	W	8.3	-	W	-	318.8
September 2019	-	-	935.8	281.4	W	W	-	W	-	249.9
October 2018	-	-	995.6	238.8	W	10.6	-	W	-	200.2
<b>Iowa</b>										
October 2019	-	-	W	90.6	-	W	-	47.5	W	955.0
September 2019	-	-	W	84.3	-	W	-	15.8	W	267.6
October 2018	-	-	W	83.1	-	-	-	36.3	W	1,133.0
<b>Kansas</b>										
October 2019	W	W	W	W	-	W	W	76.8	-	3,910.0
September 2019	W	W	W	W	-	W	W	14.4	-	2,602.0
October 2018	W	W	W	W	-	W	W	64.9	-	3,210.1
<b>Kentucky</b>										
October 2019	-	W	1,336.9	367.0	W	W	-	W	W	515.6
September 2019	W	W	1,194.7	349.0	W	W	W	W	W	464.6
October 2018	-	W	1,118.1	W	W	W	W	W	W	631.2
<b>Michigan</b>										
October 2019	-	-	W	480.1	W	W	W	6.0	W	655.4
September 2019	-	-	W	477.2	W	W	W	7.5	W	664.9
October 2018	W	-	W	432.0	W	W	W	W	W	563.6
<b>Minnesota</b>										
October 2019	W	W	76.6	1,099.9	W	W	W	140.3	W	753.2
September 2019	W	W	75.0	1,085.7	W	W	W	29.5	W	330.2
October 2018	W	W	161.6	W	W	W	W	143.7	W	1,046.2
<b>Missouri</b>										
October 2019	W	W	W	W	-	W	W	4.5	-	446.9
September 2019	W	W	W	W	-	-	W	W	-	270.7
October 2018	W	W	W	W	-	W	W	4.6	-	385.6

See footnotes at end of table.

**Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>										
<b>Nebraska</b>										
October 2019	W	-	W	W	-	-	W	63.3	W	298.9
September 2019	W	-	W	W	-	-	W	W	W	159.5
October 2018	W	-	W	W	-	-	W	47.8	-	289.2
<b>North Dakota</b>										
October 2019	-	-	W	W	W	-	W	227.4	W	645.5
September 2019	-	-	W	W	W	-	W	W	W	545.5
October 2018	-	-	W	W	W	-	W	198.7	W	710.5
<b>Ohio</b>										
October 2019	W	W	476.2	535.3	W	W	-	W	-	711.4
September 2019	W	W	448.3	570.5	W	W	-	W	-	667.3
October 2018	W	W	480.7	541.8	W	W	-	W	-	699.3
<b>Oklahoma</b>										
October 2019	W	-	W	550.4	-	W	-	W	-	348.4
September 2019	W	-	W	454.5	-	W	-	W	W	259.9
October 2018	W	-	W	566.4	-	W	-	W	-	304.7
<b>South Dakota</b>										
October 2019	-	-	W	-	-	-	W	60.1	W	134.6
September 2019	-	-	W	-	-	-	W	W	W	102.6
October 2018	W	-	W	-	-	-	W	39.5	W	255.0
<b>Tennessee</b>										
October 2019	W	18.5	W	215.2	W	W	-	W	-	170.3
September 2019	W	W	W	147.9	W	W	-	W	-	152.3
October 2018	W	16.4	W	192.0	W	W	-	W	-	187.5
<b>Wisconsin</b>										
October 2019	-	-	W	15.2	W	-	W	35.4	W	589.8
September 2019	-	-	W	15.7	W	W	W	W	W	421.2
October 2018	-	-	62.6	W	W	W	W	34.4	W	678.3
<b>PAD District 3</b>										
October 2019	W	115.2	5,907.9	17,250.4	-	728.2	-	-	2,855.0	9,874.9
September 2019	W	136.4	5,539.7	20,108.5	-	735.4	-	-	3,312.0	12,901.9
October 2018	W	130.1	5,463.0	17,842.9	-	441.4	-	W	3,793.7	8,704.4
<b>Alabama</b>										
October 2019	-	W	86.6	75.4	-	W	-	-	-	266.9
September 2019	-	W	153.4	67.7	-	W	-	-	-	159.8
October 2018	-	W	72.2	71.2	-	W	-	-	-	249.2
<b>Arkansas</b>										
October 2019	W	-	W	W	-	-	-	-	-	W
September 2019	-	-	W	W	-	-	-	-	-	W
October 2018	-	-	W	W	-	-	-	-	-	W
<b>Louisiana</b>										
October 2019	-	7.4	690.0	3,606.0	-	W	-	-	W	176.7
September 2019	-	7.2	1,046.1	4,858.2	-	W	-	-	776.9	451.4
October 2018	W	6.5	604.6	6,046.0	-	W	-	W	977.5	192.8
<b>Mississippi</b>										
October 2019	-	W	943.5	1,978.9	-	W	-	-	-	462.6
September 2019	-	W	1,070.4	2,996.3	-	-	-	-	-	358.1
October 2018	-	W	962.8	1,946.0	-	W	-	-	-	436.8
<b>New Mexico</b>										
October 2019	W	-	W	W	-	-	-	-	-	W
September 2019	W	-	W	W	-	-	-	-	-	W
October 2018	W	-	W	W	-	-	-	-	-	W
<b>Texas</b>										
October 2019	W	104.5	4,114.2	11,461.4	-	W	-	-	W	8,842.0
September 2019	W	W	3,196.4	12,076.4	-	W	-	-	2,535.2	11,798.8
October 2018	W	W	3,750.7	9,674.2	-	W	-	-	2,816.3	7,689.7

See footnotes at end of table.

**Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 4</b>										
October 2019	W	W	1,002.4	993.9	W	-	W	W	W	1,116.8
September 2019	W	W	1,053.0	1,227.7	-	-	W	W	W	976.2
October 2018	W	W	930.0	1,016.4	W	-	W	171.4	W	1,021.5
<b>Colorado</b>										
October 2019	W	-	343.6	640.3	-	-	W	70.0	-	409.5
September 2019	W	-	371.1	821.4	-	-	-	10.3	W	372.8
October 2018	W	-	285.7	654.3	-	-	-	53.4	W	386.2
<b>Idaho</b>										
October 2019	-	-	W	16.4	W	-	W	W	W	48.2
September 2019	-	-	W	23.1	-	-	W	2.6	W	52.8
October 2018	-	-	W	25.3	W	-	W	W	W	47.3
<b>Montana</b>										
October 2019	W	W	W	W	-	-	W	67.7	W	133.7
September 2019	W	W	W	W	-	-	W	18.6	W	134.6
October 2018	-	W	W	W	-	-	W	43.0	W	122.0
<b>Utah</b>										
October 2019	W	W	482.9	256.0	-	-	W	23.9	-	104.5
September 2019	W	W	483.9	285.8	-	-	W	W	-	84.3
October 2018	W	W	473.5	269.1	-	-	-	W	-	122.2
<b>Wyoming</b>										
October 2019	-	-	W	W	-	-	-	49.5	-	420.9
September 2019	-	-	W	W	-	-	-	5.7	-	331.6
October 2018	-	-	W	W	-	-	W	53.2	-	343.8
<b>PAD District 5</b>										
October 2019	W	W	12,617.2	9,151.6	W	W	W	350.1	W	1,911.0
September 2019	W	W	13,486.2	9,589.8	W	W	W	180.4	W	1,661.3
October 2018	W	175.9	13,243.2	8,071.7	-	W	W	342.8	W	1,790.9
<b>Alaska</b>										
October 2019	W	W	W	W	-	-	W	W	W	W
September 2019	W	W	W	W	-	-	W	W	W	W
October 2018	W	W	W	W	-	-	W	W	W	W
<b>Arizona</b>										
October 2019	W	W	W	205.5	-	-	-	-	-	139.8
September 2019	W	W	W	158.1	-	-	-	-	-	122.5
October 2018	W	W	75.6	367.2	-	-	-	-	-	130.8
<b>California</b>										
October 2019	W	33.4	7,336.8	7,149.7	W	W	-	-	-	1,177.2
September 2019	-	38.6	7,585.3	7,489.7	W	W	-	-	-	971.7
October 2018	W	W	8,055.4	6,187.5	-	W	-	-	-	1,043.8
<b>Hawaii</b>										
October 2019	-	-	W	W	-	-	-	-	-	W
September 2019	-	-	W	W	-	-	-	-	-	W
October 2018	-	W	W	W	-	-	-	-	-	W
<b>Nevada</b>										
October 2019	-	-	W	W	-	-	-	-	-	55.4
September 2019	-	-	W	W	-	-	-	-	-	54.2
October 2018	-	-	W	226.7	-	-	-	-	-	118.1
<b>Oregon</b>										
October 2019	-	10.4	466.0	W	-	-	-	W	W	84.7
September 2019	-	17.2	473.2	W	-	-	-	W	W	W
October 2018	-	20.3	425.4	66.5	-	-	-	W	W	71.5
<b>Washington</b>										
October 2019	-	W	1,831.3	439.3	-	-	W	W	W	403.0
September 2019	-	W	2,149.5	535.6	-	-	W	W	W	417.5
October 2018	-	W	2,138.6	276.2	-	-	-	W	W	386.5

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

**Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state**  
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>United States</b>						
October 2019	10,791.5	167,219.5	W	-	W	1,371.9
September 2019	11,901.6	158,790.5	W	-	W	1,542.0
October 2018	13,071.8	159,451.1	W	W	W	W
<b>PAD District 1</b>						
October 2019	W	31,144.4	-	-	-	W
September 2019	W	29,644.1	-	-	-	W
October 2018	W	W	-	-	-	W
<b>Subdistrict 1A</b>						
October 2019	W	W	-	-	-	-
September 2019	W	1,281.3	-	-	-	-
October 2018	W	1,774.4	-	-	-	-
<b>Connecticut</b>						
October 2019	W	W	-	-	-	-
September 2019	W	573.0	-	-	-	-
October 2018	W	637.2	-	-	-	-
<b>Maine</b>						
October 2019	-	W	-	-	-	-
September 2019	-	W	-	-	-	-
October 2018	-	W	-	-	-	-
<b>Massachusetts</b>						
October 2019	W	W	-	-	-	-
September 2019	W	W	-	-	-	-
October 2018	W	W	-	-	-	-
<b>New Hampshire</b>						
October 2019	W	W	-	-	-	-
September 2019	W	W	-	-	-	-
October 2018	W	W	-	-	-	-
<b>Rhode Island</b>						
October 2019	W	274.4	-	-	-	-
September 2019	W	289.9	-	-	-	-
October 2018	W	W	-	-	-	-
<b>Vermont</b>						
October 2019	-	W	-	-	-	-
September 2019	-	W	-	-	-	-
October 2018	W	W	-	-	-	-
<b>Subdistrict 1B</b>						
October 2019	W	W	-	-	-	W
September 2019	W	W	-	-	-	W
October 2018	W	W	-	-	-	W
<b>Delaware</b>						
October 2019	W	W	-	-	-	-
September 2019	W	W	-	-	-	-
October 2018	W	605.1	-	-	-	-
<b>District of Columbia</b>						
October 2019	-	W	-	-	-	-
September 2019	-	W	-	-	-	-
October 2018	-	W	-	-	-	-
<b>Maryland</b>						
October 2019	W	1,472.8	-	-	-	W
September 2019	W	985.4	-	-	-	W
October 2018	W	1,291.1	-	-	-	W
<b>New Jersey</b>						
October 2019	W	W	-	-	-	W
September 2019	148.9	W	-	-	-	W
October 2018	173.6	6,158.0	-	-	-	-
<b>New York</b>						
October 2019	209.1	W	-	-	-	W
September 2019	207.3	W	-	-	-	W
October 2018	W	W	-	-	-	W
<b>Pennsylvania</b>						
October 2019	W	4,066.3	-	-	-	-
September 2019	W	W	-	-	-	-
October 2018	W	5,196.9	-	-	-	-

See footnotes at end of table.

**Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>						
October 2019	895.3	16,490.0	-	-	-	-
September 2019	831.0	W	-	-	-	-
October 2018	927.0	15,328.7	-	-	-	-
<b>Florida</b>						
October 2019	227.8	5,119.7	-	-	-	-
September 2019	202.0	4,288.5	-	-	-	-
October 2018	255.6	4,901.7	-	-	-	-
<b>Georgia</b>						
October 2019	49.1	3,003.4	-	-	-	-
September 2019	54.5	2,943.6	-	-	-	-
October 2018	75.4	2,641.3	-	-	-	-
<b>North Carolina</b>						
October 2019	323.8	W	-	-	-	-
September 2019	370.3	W	-	-	-	-
October 2018	416.3	W	-	-	-	-
<b>South Carolina</b>						
October 2019	W	1,657.7	-	-	-	-
September 2019	W	1,591.4	-	-	-	-
October 2018	W	W	-	-	-	-
<b>Virginia</b>						
October 2019	6.5	W	-	-	-	-
September 2019	6.0	2,323.4	-	-	-	-
October 2018	W	W	-	-	-	-
<b>West Virginia</b>						
October 2019	W	W	-	-	-	-
September 2019	W	W	-	-	-	-
October 2018	W	W	-	-	-	-
<b>PAD District 2</b>						
October 2019	W	52,380.5	-	-	-	-
September 2019	W	48,677.4	-	-	-	-
October 2018	W	W	-	-	-	-
<b>Illinois</b>						
October 2019	166.1	7,616.6	-	-	-	-
September 2019	334.7	7,548.3	-	-	-	-
October 2018	372.2	7,192.6	-	-	-	-
<b>Indiana</b>						
October 2019	W	5,106.5	-	-	-	-
September 2019	W	4,240.7	-	-	-	-
October 2018	W	4,219.5	-	-	-	-
<b>Iowa</b>						
October 2019	29.3	2,553.1	-	-	-	-
September 2019	24.2	1,904.7	-	-	-	-
October 2018	19.6	2,314.4	-	-	-	-
<b>Kansas</b>						
October 2019	358.3	3,876.0	-	-	-	-
September 2019	W	3,894.0	-	-	-	-
October 2018	413.7	3,651.6	-	-	-	-
<b>Kentucky</b>						
October 2019	375.3	1,936.2	-	-	-	-
September 2019	376.8	1,876.8	-	-	-	-
October 2018	469.6	2,027.5	-	-	-	-
<b>Michigan</b>						
October 2019	174.6	2,989.8	-	-	-	-
September 2019	230.8	W	-	-	-	-
October 2018	242.3	W	-	-	-	-
<b>Minnesota</b>						
October 2019	W	W	-	-	-	-
September 2019	W	W	-	-	-	-
October 2018	W	W	-	-	-	-
<b>Missouri</b>						
October 2019	1.0	1,854.6	-	-	-	-
September 2019	1.5	1,650.0	-	-	-	-
October 2018	2.8	1,699.8	-	-	-	-

See footnotes at end of table.

**Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>						
<b>Nebraska</b>						
October 2019	W	1,695.9	-	-	-	-
September 2019	W	1,423.1	-	-	-	-
October 2018	W	1,560.4	-	-	-	-
<b>North Dakota</b>						
October 2019	W	1,479.2	-	-	-	-
September 2019	W	1,572.5	-	-	-	-
October 2018	W	1,644.5	-	-	-	-
<b>Ohio</b>						
October 2019	422.7	5,755.3	-	-	-	-
September 2019	597.5	5,643.3	-	-	-	-
October 2018	788.1	5,773.4	-	-	-	-
<b>Oklahoma</b>						
October 2019	225.0	6,931.7	-	-	-	-
September 2019	210.3	7,208.7	-	-	-	-
October 2018	W	7,379.7	-	-	-	-
<b>South Dakota</b>						
October 2019	W	726.4	-	-	-	-
September 2019	W	653.8	-	-	-	-
October 2018	W	768.5	-	-	-	-
<b>Tennessee</b>						
October 2019	205.6	4,049.6	-	-	-	-
September 2019	318.7	3,607.4	-	-	-	-
October 2018	363.7	3,829.8	-	-	-	-
<b>Wisconsin</b>						
October 2019	W	W	-	-	-	-
September 2019	W	W	-	-	-	-
October 2018	W	2,331.7	-	-	-	-
<b>PAD District 3</b>						
October 2019	2,549.7	55,389.5	-	-	-	500.9
September 2019	2,634.9	51,280.5	-	-	-	535.1
October 2018	2,840.3	49,107.0	-	W	-	W
<b>Alabama</b>						
October 2019	173.6	1,808.4	-	-	-	-
September 2019	169.9	1,964.7	-	-	-	-
October 2018	137.8	1,826.8	-	-	-	-
<b>Arkansas</b>						
October 2019	W	1,709.8	-	-	-	-
September 2019	W	1,519.5	-	-	-	-
October 2018	W	1,486.0	-	-	-	-
<b>Louisiana</b>						
October 2019	182.5	W	-	-	-	W
September 2019	155.7	W	-	-	-	W
October 2018	207.1	W	-	W	-	W
<b>Mississippi</b>						
October 2019	37.7	W	-	-	-	-
September 2019	35.0	2,494.1	-	-	-	-
October 2018	41.9	W	-	-	-	-
<b>New Mexico</b>						
October 2019	289.5	1,081.6	-	-	-	-
September 2019	254.4	1,035.3	-	-	-	-
October 2018	432.6	1,275.4	-	-	-	-
<b>Texas</b>						
October 2019	W	W	-	-	-	W
September 2019	W	W	-	-	-	W
October 2018	W	W	-	-	-	W

See footnotes at end of table.

**Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 4</b>						
October 2019	W	7,409.2	-	-	-	-
September 2019	W	7,408.7	-	-	-	-
October 2018	W	6,967.1	-	-	-	-
<b>Colorado</b>						
October 2019	208.9	2,205.1	-	-	-	-
September 2019	201.9	2,173.3	-	-	-	-
October 2018	238.8	2,208.0	-	-	-	-
<b>Idaho</b>						
October 2019	W	972.9	-	-	-	-
September 2019	W	875.6	-	-	-	-
October 2018	W	769.1	-	-	-	-
<b>Montana</b>						
October 2019	W	1,214.3	-	-	-	-
September 2019	W	1,180.9	-	-	-	-
October 2018	W	1,179.9	-	-	-	-
<b>Utah</b>						
October 2019	W	1,926.5	-	-	-	-
September 2019	W	1,838.9	-	-	-	-
October 2018	W	1,556.6	-	-	-	-
<b>Wyoming</b>						
October 2019	414.0	1,090.4	-	-	-	-
September 2019	290.3	1,340.0	-	-	-	-
October 2018	334.3	1,253.5	-	-	-	-
<b>PAD District 5</b>						
October 2019	W	20,895.9	W	-	W	W
September 2019	W	21,779.8	W	-	W	W
October 2018	W	W	W	-	W	W
<b>Alaska</b>						
October 2019	W	W	-	-	-	-
September 2019	W	W	-	-	-	-
October 2018	W	W	-	-	-	-
<b>Arizona</b>						
October 2019	465.2	837.6	-	-	-	-
September 2019	463.6	884.5	-	-	-	-
October 2018	442.2	990.0	-	-	-	-
<b>California</b>						
October 2019	1,094.6	W	-	-	-	W
September 2019	1,076.7	W	-	-	-	W
October 2018	1,295.0	W	-	-	-	W
<b>Hawaii</b>						
October 2019	W	W	W	-	W	W
September 2019	W	W	W	-	W	W
October 2018	W	W	W	-	W	W
<b>Nevada</b>						
October 2019	W	519.1	-	-	-	-
September 2019	W	488.3	-	-	-	-
October 2018	W	508.4	-	-	-	-
<b>Oregon</b>						
October 2019	24.9	2,389.5	-	-	-	-
September 2019	28.0	2,086.8	-	-	-	-
October 2018	3.9	2,224.9	-	-	-	-
<b>Washington</b>						
October 2019	201.5	W	-	-	W	W
September 2019	W	W	-	-	-	W
October 2018	W	3,486.6	-	-	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

**Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state**  
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>United States</b>				
October 2019	150.6	6,193.1	11,427.5	174,784.5
September 2019	80.7	4,137.9	12,307.8	164,470.4
October 2018	60.5	9,708.5	13,351.4	170,940.6
<b>PAD District 1</b>				
October 2019	W	W	1,486.7	36,539.9
September 2019	W	W	1,502.5	32,602.8
October 2018	W	6,612.3	1,638.3	38,432.5
<b>Subdistrict 1A</b>				
October 2019	-	W	W	2,968.4
September 2019	-	482.1	W	1,763.4
October 2018	-	1,135.5	W	2,909.8
<b>Connecticut</b>				
October 2019	-	W	W	1,267.7
September 2019	-	233.2	W	806.2
October 2018	-	524.2	W	1,161.4
<b>Maine</b>				
October 2019	-	W	-	441.3
September 2019	-	W	-	179.1
October 2018	-	W	-	W
<b>Massachusetts</b>				
October 2019	-	W	W	528.2
September 2019	-	W	W	299.1
October 2018	-	W	W	409.0
<b>New Hampshire</b>				
October 2019	-	W	W	W
September 2019	-	W	W	W
October 2018	-	W	W	W
<b>Rhode Island</b>				
October 2019	-	224.5	W	498.8
September 2019	-	58.0	W	347.8
October 2018	-	W	W	NA
<b>Vermont</b>				
October 2019	-	W	-	W
September 2019	-	W	-	W
October 2018	-	W	W	W
<b>Subdistrict 1B</b>				
October 2019	W	3,665.5	W	17,008.2
September 2019	W	2,214.9	W	15,888.7
October 2018	W	5,116.5	W	19,833.5
<b>Delaware</b>				
October 2019	-	W	W	W
September 2019	-	W	W	W
October 2018	-	W	W	W
<b>District of Columbia</b>				
October 2019	-	-	-	W
September 2019	-	-	-	W
October 2018	-	-	-	W
<b>Maryland</b>				
October 2019	-	W	W	1,589.2
September 2019	W	W	W	1,039.9
October 2018	-	W	W	1,454.1
<b>New Jersey</b>				
October 2019	W	2,729.3	128.2	9,028.3
September 2019	-	1,556.2	148.9	7,651.9
October 2018	-	3,329.6	173.6	9,487.6
<b>New York</b>				
October 2019	-	464.2	209.1	1,653.9
September 2019	-	332.3	207.3	1,377.6
October 2018	W	357.8	190.9	1,801.1
<b>Pennsylvania</b>				
October 2019	W	274.8	142.0	4,341.1
September 2019	W	W	194.3	5,374.1
October 2018	W	707.4	292.6	5,904.3

See footnotes at end of table.

**Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>Subdistrict 1C</b>				
October 2019	-	73.2	895.3	16,563.2
September 2019	-	W	831.0	14,950.7
October 2018	-	360.4	927.0	15,689.1
<b>Florida</b>				
October 2019	-	-	227.8	5,119.7
September 2019	-	-	202.0	4,288.5
October 2018	-	-	255.6	4,901.7
<b>Georgia</b>				
October 2019	-	-	49.1	3,003.4
September 2019	-	-	54.5	2,943.6
October 2018	-	-	75.4	2,641.3
<b>North Carolina</b>				
October 2019	-	W	323.8	3,197.2
September 2019	-	W	370.3	3,013.1
October 2018	-	W	416.3	2,892.1
<b>South Carolina</b>				
October 2019	-	-	W	1,657.7
September 2019	-	-	W	1,591.4
October 2018	-	W	W	1,670.8
<b>Virginia</b>				
October 2019	-	W	6.5	2,587.8
September 2019	-	-	6.0	2,323.4
October 2018	-	W	W	2,731.4
<b>West Virginia</b>				
October 2019	-	W	W	997.4
September 2019	-	W	W	790.7
October 2018	-	W	W	851.8
<b>PAD District 2</b>				
October 2019	W	114.8	3,334.7	52,495.4
September 2019	W	75.7	4,563.3	48,753.1
October 2018	W	W	4,896.9	50,049.7
<b>Illinois</b>				
October 2019	-	-	166.1	7,616.6
September 2019	-	-	334.7	7,548.3
October 2018	-	-	372.2	7,192.6
<b>Indiana</b>				
October 2019	-	-	W	5,106.5
September 2019	-	-	W	4,240.7
October 2018	-	-	W	4,219.5
<b>Iowa</b>				
October 2019	-	-	29.3	2,553.1
September 2019	-	-	24.2	1,904.7
October 2018	-	-	19.6	2,314.4
<b>Kansas</b>				
October 2019	-	-	358.3	3,876.0
September 2019	-	-	W	3,894.0
October 2018	-	-	413.7	3,651.6
<b>Kentucky</b>				
October 2019	-	-	375.3	1,936.2
September 2019	-	-	376.8	1,876.8
October 2018	-	-	469.6	2,027.5
<b>Michigan</b>				
October 2019	-	110.4	174.6	3,100.2
September 2019	-	72.3	230.8	2,720.9
October 2018	-	W	242.3	2,668.9
<b>Minnesota</b>				
October 2019	W	W	305.8	3,280.0
September 2019	W	W	316.4	2,593.4
October 2018	W	W	340.4	2,987.4
<b>Missouri</b>				
October 2019	-	-	1.0	1,854.6
September 2019	-	-	1.5	1,650.0
October 2018	-	-	2.8	1,699.8

See footnotes at end of table.

**Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 2 (cont.)</b>				
<b>Nebraska</b>				
October 2019	-	-	W	1,695.9
September 2019	-	-	W	1,423.1
October 2018	-	-	W	1,560.4
<b>North Dakota</b>				
October 2019	W	-	W	1,479.2
September 2019	W	-	W	1,572.5
October 2018	W	-	W	1,644.5
<b>Ohio</b>				
October 2019	-	-	422.7	5,755.3
September 2019	-	-	597.5	5,643.3
October 2018	-	-	788.1	5,773.4
<b>Oklahoma</b>				
October 2019	-	-	225.0	6,931.7
September 2019	-	-	210.3	7,208.7
October 2018	-	-	W	7,379.7
<b>South Dakota</b>				
October 2019	W	-	W	726.4
September 2019	W	-	W	653.8
October 2018	W	-	W	768.5
<b>Tennessee</b>				
October 2019	-	-	205.6	4,049.6
September 2019	-	-	318.7	3,607.4
October 2018	-	-	363.7	3,829.8
<b>Wisconsin</b>				
October 2019	W	W	45.8	2,534.2
September 2019	W	W	56.3	2,215.5
October 2018	W	-	55.9	2,331.7
<b>PAD District 3</b>				
October 2019	-	937.0	2,549.7	56,827.3
September 2019	-	1,332.4	2,634.9	53,148.0
October 2018	-	3,030.7	2,840.3	53,043.8
<b>Alabama</b>				
October 2019	-	-	173.6	1,808.4
September 2019	-	-	169.9	1,964.7
October 2018	-	-	137.8	1,826.8
<b>Arkansas</b>				
October 2019	-	-	W	1,709.8
September 2019	-	-	W	1,519.5
October 2018	-	-	W	1,486.0
<b>Louisiana</b>				
October 2019	-	W	182.5	10,265.1
September 2019	-	693.1	155.7	13,500.8
October 2018	-	W	207.1	11,542.8
<b>Mississippi</b>				
October 2019	-	W	W	2,246.9
September 2019	-	-	W	2,494.1
October 2018	-	W	W	2,961.3
<b>New Mexico</b>				
October 2019	-	-	289.5	1,081.6
September 2019	-	-	254.4	1,035.3
October 2018	-	-	432.6	1,275.4
<b>Texas</b>				
October 2019	-	672.8	1,803.0	39,715.5
September 2019	-	639.3	1,922.5	32,633.6
October 2018	-	1,963.2	1,848.9	33,951.5

See footnotes at end of table.

**Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)**

thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
<b>PAD District 4</b>				
October 2019	W	-	1,164.0	7,409.2
September 2019	W	-	1,087.1	7,408.7
October 2018	W	-	1,277.6	6,967.1
<b>Colorado</b>				
October 2019	-	-	208.9	2,205.1
September 2019	-	-	201.9	2,173.3
October 2018	-	-	238.8	2,208.0
<b>Idaho</b>				
October 2019	W	-	W	972.9
September 2019	W	-	W	875.6
October 2018	W	-	W	769.1
<b>Montana</b>				
October 2019	-	-	W	1,214.3
September 2019	-	-	W	1,180.9
October 2018	-	-	W	1,179.9
<b>Utah</b>				
October 2019	W	-	245.5	1,926.5
September 2019	W	-	251.1	1,838.9
October 2018	W	-	459.4	1,556.6
<b>Wyoming</b>				
October 2019	-	-	414.0	1,090.4
September 2019	-	-	290.3	1,340.0
October 2018	-	-	334.3	1,253.5
<b>PAD District 5</b>				
October 2019	W	W	2,892.4	21,512.8
September 2019	W	W	2,520.0	22,557.7
October 2018	W	W	2,698.4	22,447.5
<b>Alaska</b>				
October 2019	W	W	W	W
September 2019	W	W	W	W
October 2018	W	W	W	W
<b>Arizona</b>				
October 2019	-	-	465.2	837.6
September 2019	-	-	463.6	884.5
October 2018	-	-	442.2	990.0
<b>California</b>				
October 2019	-	-	1,094.6	13,900.1
September 2019	-	-	1,076.7	14,354.2
October 2018	-	-	1,295.0	14,618.6
<b>Hawaii</b>				
October 2019	-	-	W	W
September 2019	-	-	W	W
October 2018	-	-	W	W
<b>Nevada</b>				
October 2019	W	-	W	519.1
September 2019	W	-	W	488.3
October 2018	W	-	NA	508.4
<b>Oregon</b>				
October 2019	-	-	24.9	2,389.5
September 2019	-	-	28.0	2,086.8
October 2018	-	-	3.9	2,224.9
<b>Washington</b>				
October 2019	W	-	425.9	3,481.2
September 2019	W	-	231.6	4,061.5
October 2018	W	-	262.1	3,486.6

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2019 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

**Table 44. Refiner residual fuel oil and no. 4 fuel volumes by PAD District**

thousand gallons per day

Geographic area month	Residual fuel oil						No. 4 fuel[a]	
	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total		Sales to end users	Sales for resale
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale		
United States								
October 2019	W	1,663.6	W	6,080.9	2,765.3	7,744.5	-	W
September 2019	W	W	W	W	3,242.5	7,494.3	-	W
October 2018	W	240.4	W	7,044.0	3,773.4	7,284.4	-	W
PAD District 1								
October 2019	W	W	W	W	W	W	-	-
September 2019	W	W	W	W	W	2,976.2	-	-
October 2018	W	W	W	W	W	W	-	-
Subdistrict 1A								
October 2019	-	-	-	-	-	-	-	-
September 2019	-	-	-	-	-	-	-	-
October 2018	-	-	-	-	-	-	-	-
Subdistrict 1B								
October 2019	W	W	W	W	W	W	-	-
September 2019	W	W	W	W	W	2,976.2	-	-
October 2018	W	W	W	W	W	W	-	-
Subdistrict 1C								
October 2019	-	-	-	-	-	-	-	-
September 2019	-	-	-	-	-	-	-	-
October 2018	-	-	-	-	-	-	-	-
PAD District 2								
October 2019	-	-	W	-	W	-	-	-
September 2019	-	-	W	-	W	-	-	-
October 2018	-	-	W	W	W	W	-	-
PAD District 3								
October 2019	-	W	174.8	W	174.8	2,962.8	-	W
September 2019	-	W	550.6	W	550.6	2,655.1	-	W
October 2018	-	W	602.7	W	602.7	3,440.7	-	W
PAD District 4								
October 2019	-	-	-	W	-	W	-	-
September 2019	-	-	-	W	-	W	-	-
October 2018	-	-	-	W	-	W	-	-
PAD District 5								
October 2019	W	W	W	W	2,318.8	1,761.9	-	-
September 2019	W	-	W	W	2,406.8	W	-	-
October 2018	W	W	W	W	2,800.4	1,315.8	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2019 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.